Refine Search

Search Results -

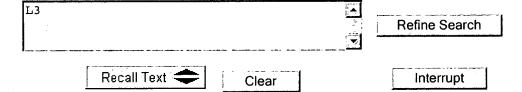
Terms	Documents
6805879.pn.	1

US Pre-Grant Publication Full-Text Database US Patents Full-Text Database

Database:

US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

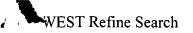


Search History

DATE: Sunday, September 10, 2006 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB = USPT	T; PLUR=YES; OF	P = OR	
<u>L3</u>	6805879.pn.	1	<u>L3</u>
<u>L2</u>	6284375.pn.	1	<u>L2</u>
DB=PGP	B, USPT; PLUR=Y	ES; OP=OR	
<u>L1</u>	Tuo near Jin	13	<u>L1</u>

END OF SEARCH HISTORY



Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

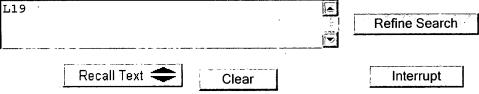
Search Results -

Terms	Documents
L18 and (por\$ same (alumina or silica or cellulose))	14

US Pre-Grant Publication Full-Text Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Database:



Search History

DATE: Sunday, September 10, 2006 Purge Queries Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
DB=I	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YES; OP = OR		
<u>L19</u>	L18 and (por\$ same (alumina or silica or cellulose))	14	<u>L19</u>
<u>L18</u>	L17 and (capsule or tablet or granule or (coated adj (tablet or granule)))	1116	<u>L18</u>
<u>L17</u>	L15 and carrier	1121	<u>L17</u>
<u>L16</u>	L15 and (por\$ same (alumina or silica or cellulose))	15	<u>L16</u>
<u>L15</u>	L8 and (alumina or silica or cellulose)	1136	<u>L15</u>
<u>L14</u>	L12 and (por\$ same (alumina or silica or cellulose))	. 2	<u>L14</u>
<u>L13</u>	L12 and (por\$ near5 (alumina or silica or cellulose))	1	<u>L13</u>
<u>L12</u>	L11 and (alumina or silica or cellulose)	117	<u>L12</u>
<u>L11</u>	L8 and (cyclosporine or triamterene or acyclovir or doxorubicin or labetalol or doxepin or methyldopa or pentoxifill)	129	<u>L11</u>



<u>L10</u>	L8 and (cyclosporine or triamterene or acyclovir, or doxorubicin or labetalol or doxepin or methyldopa or pentoxifill)	129	<u>L10</u>
<u>L9</u>	L8 and (surface adj area)	61	<u>L9</u>
<u>L8</u>	L5 and emulsion	1220	<u>L8</u>
<u>L7</u>	L5 and (porous near5 powder)	28	<u>L7</u>
<u>L6</u>	L5 and (porous adj powder)	4	<u>L6</u>
<u>L5</u>	L4 and (powder adj solution)	1308	<u>L5</u>
<u>L4</u>	L3 and (powder same (lipid or phospholipid or surfactant))	11595	<u>L4</u>
<u>L3</u>	(porous or tablet\$ or (compress\$ or (free near flowing))) near10 powder	152833	<u>L3</u>
DB =	USPT; PLUR=YES; OP=OR		
<u>L2</u>	6241997.pn.	1	<u>L2</u>
<u>L1</u>	6280770.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 19:51:48 ON 10 SEP 2006)

	FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 19:52:08 ON 10 SEP 2006
L1	1838 S POWDER(W)SOLUTION
L2	32 S L1 AND (POR? (5A) (ALUMINA OR SILICA OR CELLULOSE))
L3	32 DUPLICATE REMOVE L2 (0 DUPLICATES REMOVED)
L4	32 FOCUS L3 1-
L5	38 S L1 (P) (COMPRESS? OR (FREE(W)FLOWING) OR POROUS)
L6	3 S L5 AND (DISOL? OR DISSOLUTION OR DISPERS?) (P) (INSOLUBLE OR
L7	3 DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8	0 S L1 (P) (INSOLUBLE (5A) (DRUG OR PHARMACEUTICAL))
L9	374 S L1 AND POROUS
L10	215 S L9 AND (INSOLUBLE (P) (DRUG OR MEDICAMENT OR PHARMACEUTICAL)
L11	1 S L10 AND (POROUS (10A) (ALUMINA OR SILICA OR CELLULOSE))

L11 ANSWER 1 OF 1 USPATFULL on STN

Solid dosage forms for rapid dissolution of poorly soluble drugs

This invention demonstrated novel pharmaceutical compositions

that improve dissolution, water dispersion and/or oral absorption of

insoluble or poorly soluble drugs without increase in

formulation complicity and patient appliance as compared with conventional solid-dosage form. The compositions of the present invention comprise a lipid or mixed lipids that dissolve the

insoluble or poorly soluble drugs and forms solution, micelles, microemulsion or emulsion with the drugs in aqueous media. The

compositions further comprise a porous powder or mixed porous powder that absorb the drug-lipid melts in a

considerable amount (>than their own mass) while remaining free flowing

and compressible in nature. Due to their excellent effectivenesssimplicity ratio, the compositions of this invention have a wide

applicability to therapeutic compounds whose efficacy is limited by poor

solubility, low dissolution rate and less absorption.

ACCESSION NUMBER:

2004:1869 USPATFULL

TITLE:

TТ AΒ

Solid dosage forms for rapid dissolution of poorly

soluble drugs

INVENTOR(S): PATENT ASSIGNEE(S): Jin, Tuo, Highland Park, NJ, UNITED STATES

BioPharm Solutions Inc. (U.S. corporation)

NUMBER KIND DATE ----- ------ ---- -----

PATENT INFORMATION:

US 2004001888 A1 20040101 US 2003-606344 A1 20030626 (10)

APPLICATION INFO.:

NUMBER DATE _____

PRIORITY INFORMATION:

US 2002-391756P 20020626 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

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Whitestone, NY, 11357

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

19

NUMBER OF DRAWINGS:

5 Drawing Page(s)

LINE COUNT:

632

CAS INDEXING IS AVAILABLE FOR THIS PATENT